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(54) Title: SULFURED-CARBON NANOMATERIAL ELECTRODES FOR ENERGY STORAGE AND METHODS FOR TO PRODUCE THE SAME

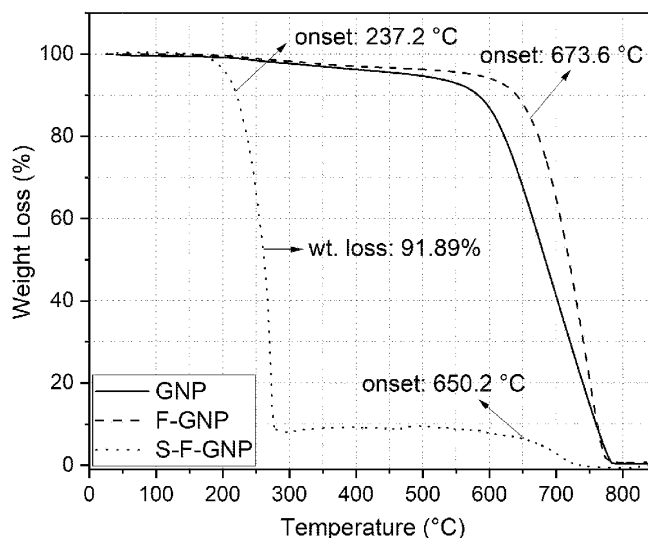


FIG. 1

(57) Abstract: Disclosed herein is a nanoparticulate material, that includes a carbon nanomaterial having a first surface, a second surface and one or more edges; and sulfur on the first and second surfaces and the one or more edges of the carbon nanomaterial, where the sulfur forms from 50 wt.% to 99 wt.% of the composition when measured using one or both of CHNS elemental analysis and thermogravimetric analysis. Also disclosed herein are batteries using said material.

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